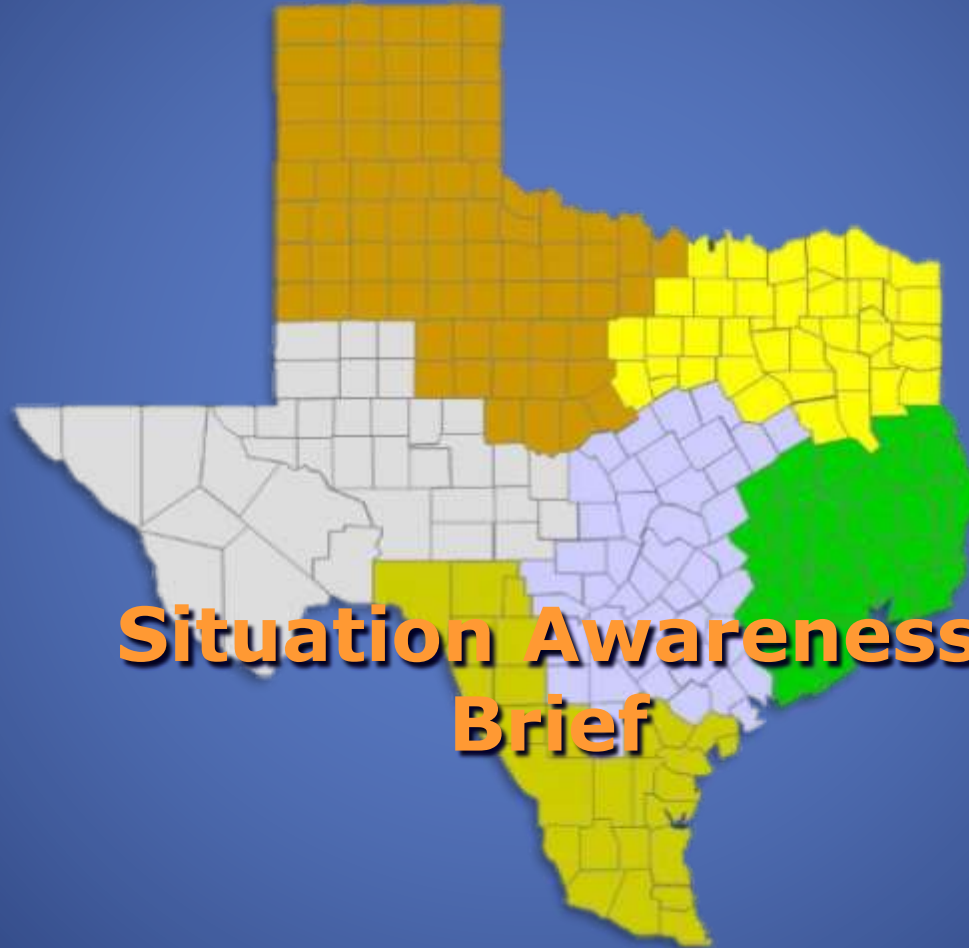


Texas Division of Emergency Management Texas State Operations Center



Situation Awareness Brief



**Wednesday, May 19th, 2021
As of 0900 CST**

Tropical Weather Awareness

Atlantic Tropical Cyclones and Disturbances

www.hurricanes.gov

Tropical cyclone activity is not expected during the next 48 hours.

7:42 am EDT
Wed May 19 2021

100W 90W 80W 70W 60W 50W 40W 30W 20W

Current Disturbances and Two-Day Cyclone Formation Chance:

	< 40%		40-60%		> 60%
Tropical or Sub-Tropical Cyclone:					
	Depression		Storm		Hurricane
	Post-Tropical Cyclone or Remnants				

Incidents Reported to the State Operations Center (last 24 hours)

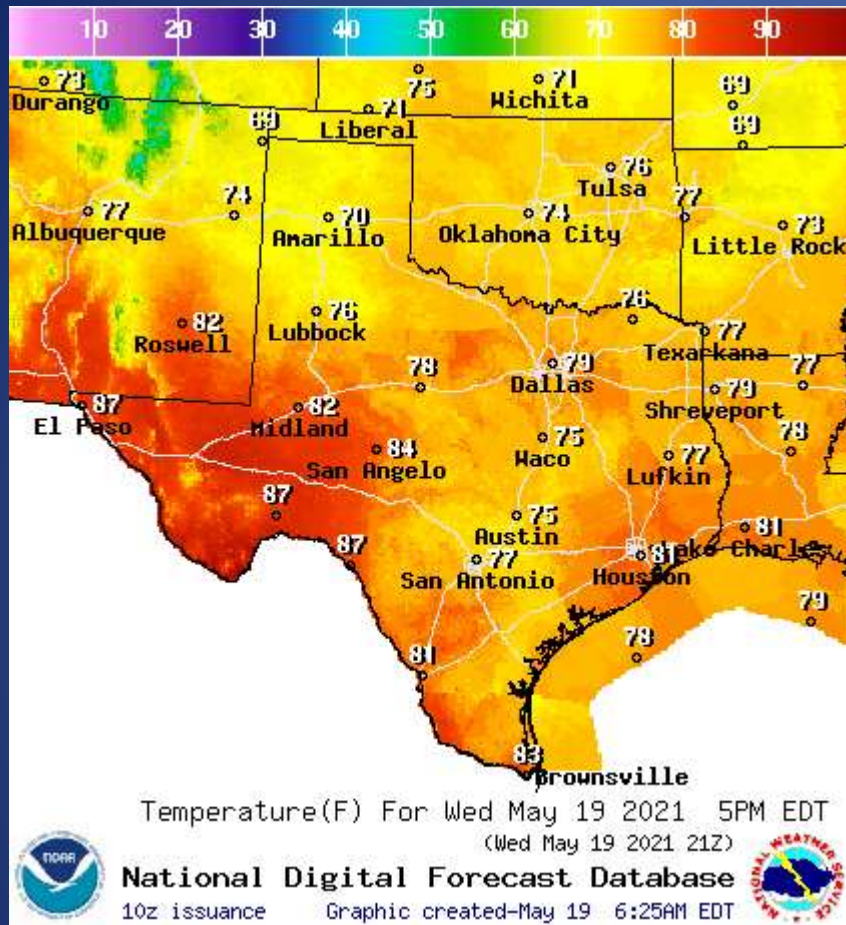
DATE	SUBJECT	LOCATION	Final Report (Y/N)
05/18/21	PLB Mission 21I4167 has been Opened	Harris County	N
05/18/21	PLB Mission 21I4167 has been Closed	Harris County	Y
05/18/21	Preliminary Earthquake Report (M2.2)	Reeves County	Y

Informational Products

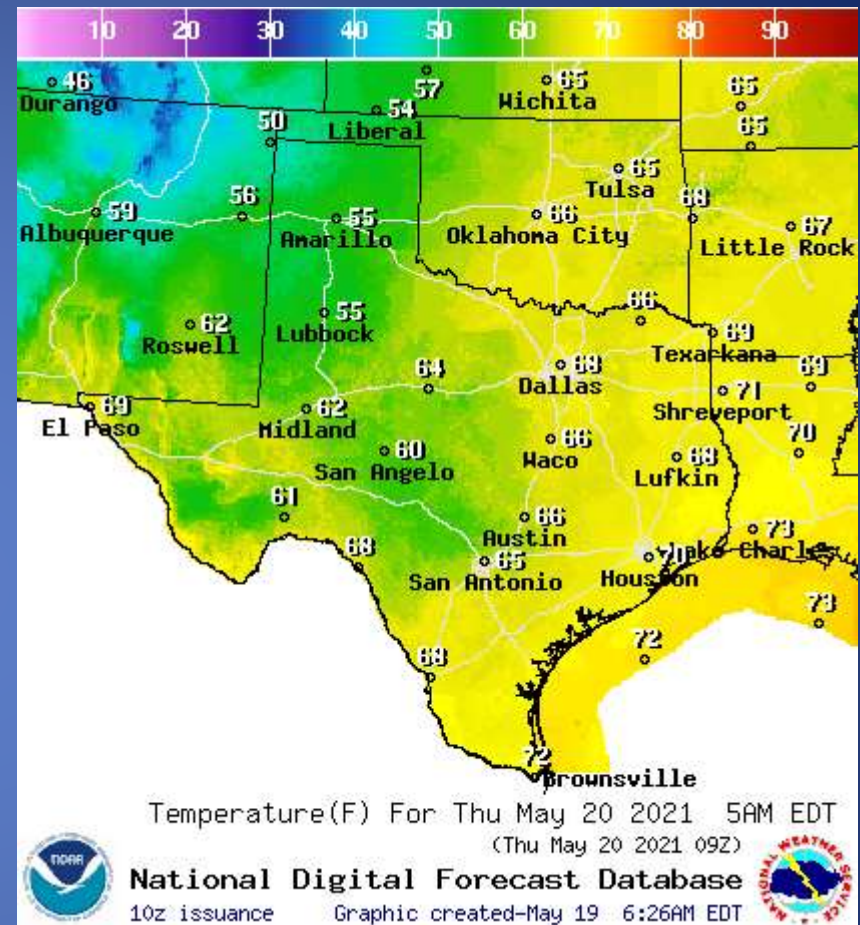
Distributed by the State Operations Center

DATE	SUBJECT
05/18/21	NWS Lake Charles: Weather Update: 9:30 AM Tuesday
05/18/21	NWS Fort Worth Update: Heavy Rainfall and Severe Weather Possible Again Today
05/18/21	NWS West Gulf River Forecast Center: Heavy Rain Threat/Flood Threat Continues
05/18/21	Silver Alert Discontinued - Edinburg PD - Ayala
05/18/21	NWS Austin/San Antonio: Update 3:00 PM Tuesday Heavy Rain and Severe threat continues through Thursday
05/18/21	NWS Houston/Galveston: Flood Threat Briefing
05/18/21	NWS Houston/Galveston: Flood Threat Briefing Video Link
05/19/21	NWS Houston/Galveston: Wednesday May 19th Morning Update: Flash Flood Watch remains in effect through Thursday morning as additional rounds of storms are possible
05/19/21	NWS Fort Worth- Update: Localized Flash Flooding Possible Today/Tonight
05/19/21	NWS Brownsville: **Storm Update** : Developing Lines/Clusters Moving Quickly into Rio Grande Valley, Ranchlands *This Morning* (May 19),
05/19/21	Daily NWS Threat Brief for Wednesday, May 19, 2021 for FEMA Region 6

Weather Forecast

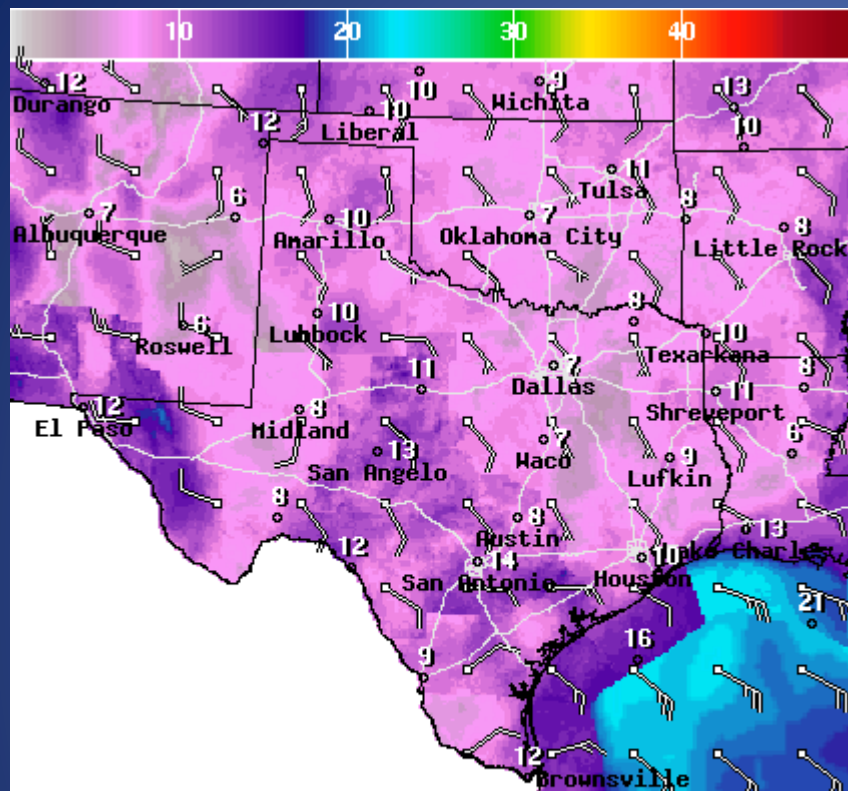


Highs



Lows

Weather Forecast



WindSpd(Kts) & WindDir For Wed May 19 2021 5PM EDT

(Wed May 19 2021 21Z)



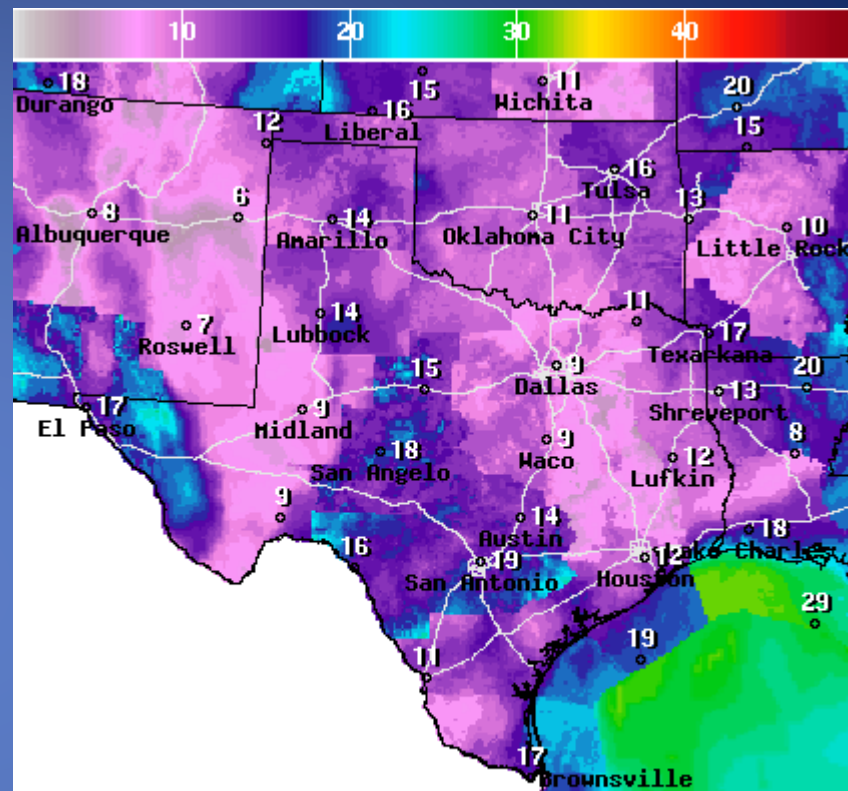
National Digital Forecast Database

10z issuance

Graphic created-May 19 6:35AM EDT



Wind Speeds



Wind Gust(Kts) Wed May 19 2021 5PM EDT

(Wed May 19 2021 21Z)



National Digital Forecast Database

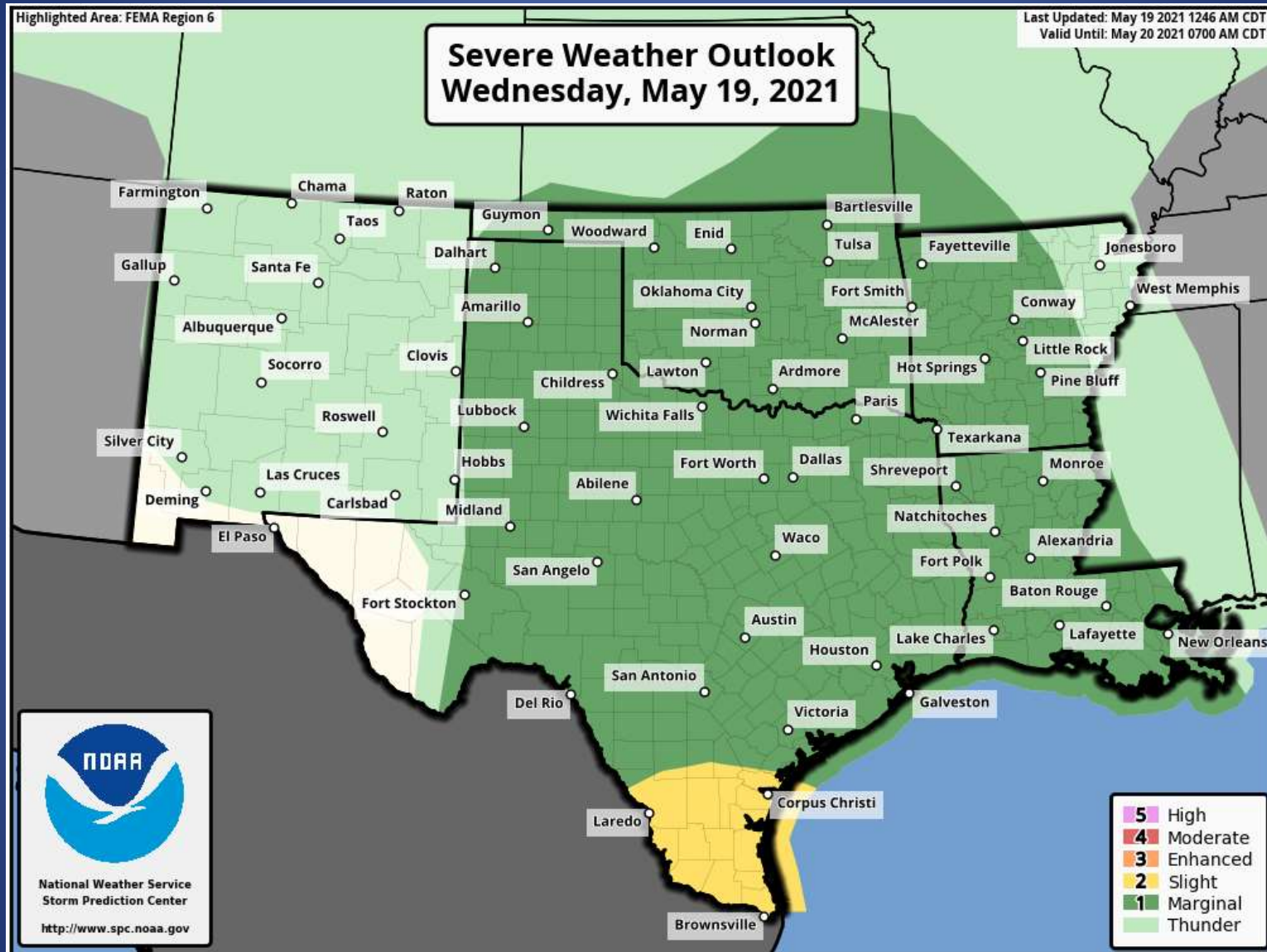
09z issuance

Graphic created-May 19 5:28AM EDT



Gusts

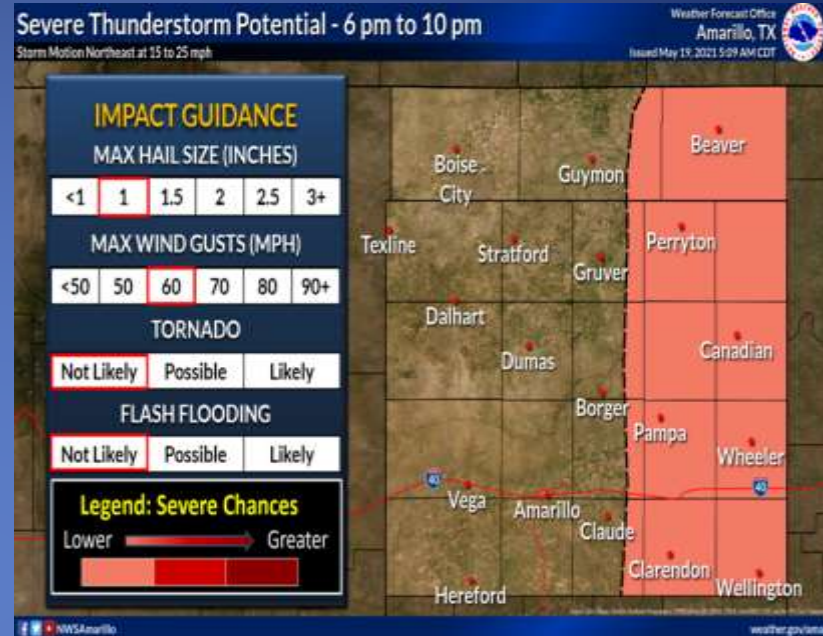
Hazardous Weather



Hazardous Weather

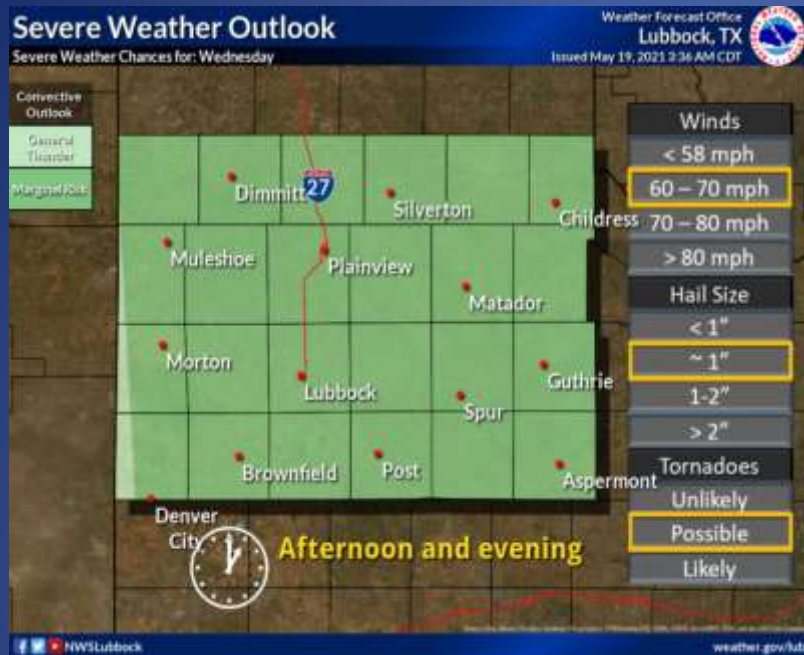


Strong to severe storms are possible this afternoon across much of the Panhandles. Storms will be moving east northeast at around 15 to 25 mph with large hail and damaging wind gusts possible.

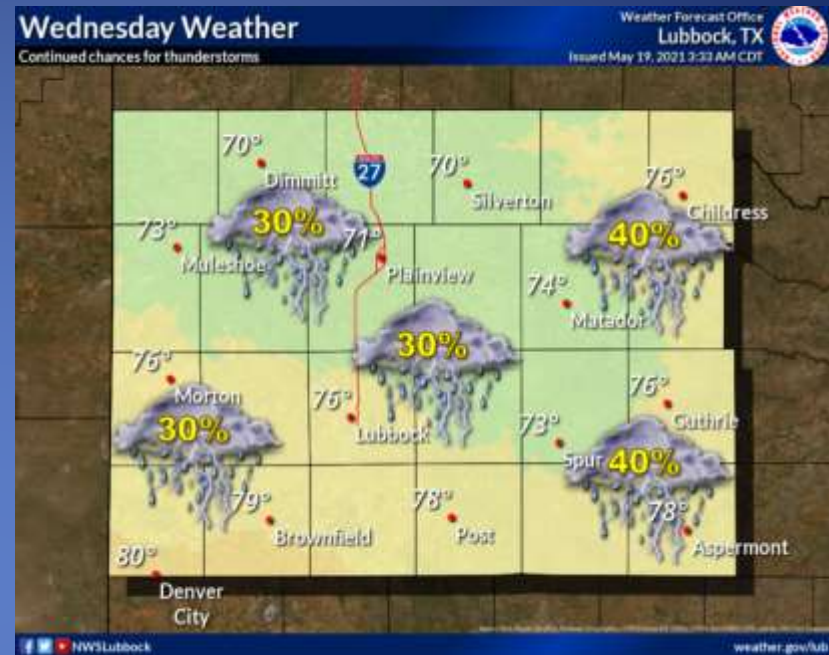


Strong to severe storms will continue into the evening hours tonight mainly across the eastern Panhandles with large hail and damaging wind gusts possible.

Hazardous Weather



A marginal risk of severe storms will exist for this afternoon and evening. Large hail and damaging winds will be the primary threats.

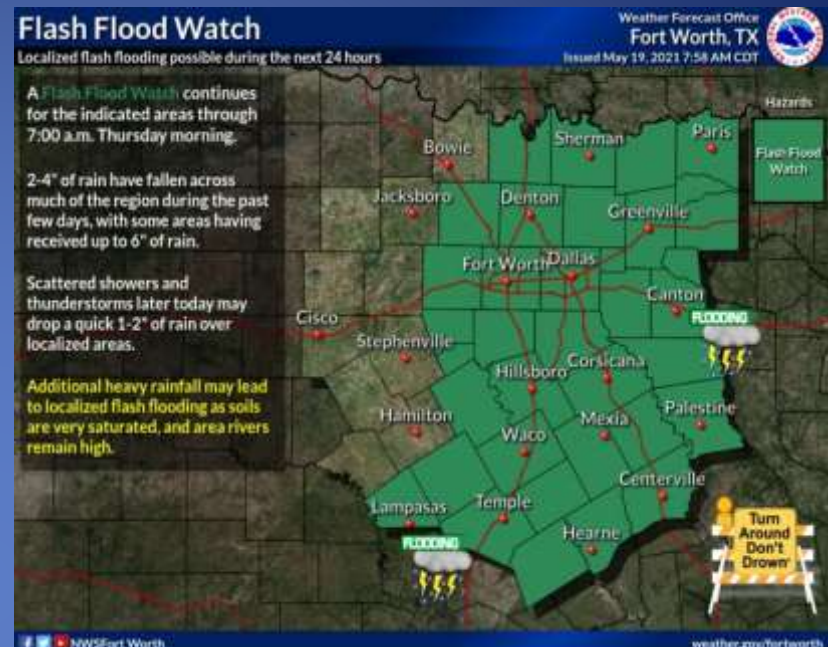


Another round of thunderstorms is expected this afternoon and evening. This activity won't be as intense as yesterday, but the strongest storms will still be capable of producing large hail, strong wind gusts, and locally heavy rainfall. The best storm chances will be across the Rolling Plains and southeastern Texas Panhandle this afternoon.

Hazardous Weather



There will be some dry time today for many areas before another round of more widespread showers and thunderstorms arrives late in the day through tonight. The potential for severe thunderstorms is low, but heavy rain and flooding will continue to be of concern.

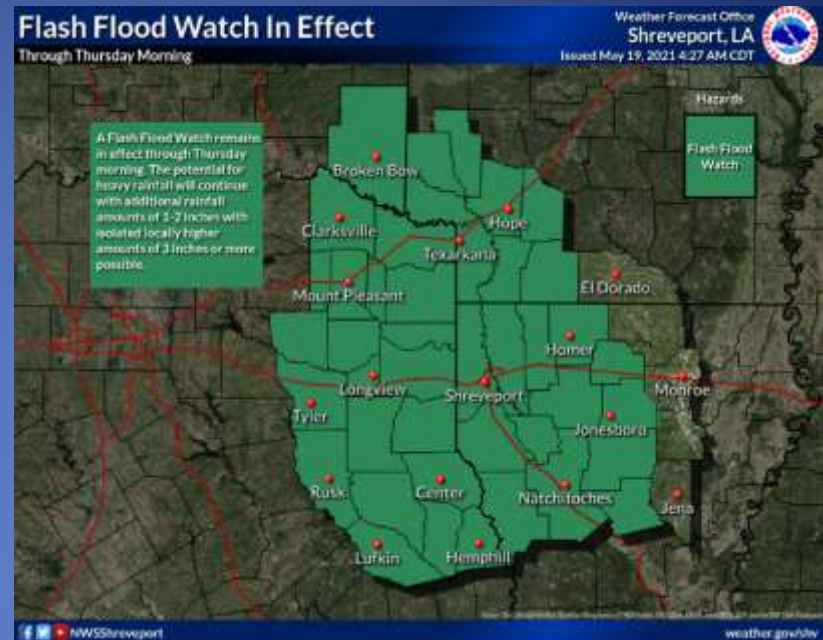


A **FLASH FLOOD WATCH** is in effect for a majority of North and Central Texas through 7 am Thursday. Localized heavy rainfall amounts of 1- 3" will be possible in a few locations later today as scattered showers and thunderstorms develop. While widespread flooding is not anticipated, soils remain saturated from recent heavy rainfall, and area rivers and waterways remain high. For these reasons, any additional heavy rainfall may lead to flash flooding.

Hazardous Weather



There is a Marginal Risk for strong to severe thunderstorms today and tonight. Any stronger storms that do form will be capable of producing large hail and damaging winds.



A Flash Flood Watch continues through Thursday morning. Additional rainfall across the area could lead to flooding concerns for low-lying and poor drainage areas as well as rivers, creeks, and streams.

Hazardous Weather



There is a heightened risk for heavy rainfall leading to flash flooding and river flooding across portions of East Texas, Southeast Oklahoma, and Southwest Arkansas through tonight. Additionally, there is a chance for some storms to become severe.



Flash Flood Watch is in effect through 1pm Thursday.

Hazardous Weather

Flash Flood Watch

A Flash Flood Watch is in effect until Thursday at 7:00 PM CDT.

Weather Forecast Office
Lake Charles, LA
Issued May 19, 2021 5:31 AM CDT



A Flash Flood Watch is in effect for the area until Thursday at 7:00 PM CDT.

A Few Storms Again Possible Today

Highs in the mid 70s to low 80s

Weather Forecast Office
San Angelo, TX
Issued May 19, 2021 5:39 AM CDT



Scattered storms again possible today, with a few strong storms perhaps approaching severe levels. Otherwise, warm with highs in the 70s and 80s

Hazardous Weather



Scattered showers and storms are once again expected today. The best chance for heavy rain that could lead to additional flash flooding will be over our southern and eastern counties, generally east of an Austin to New Braunfels to Pleasanton line. Temperatures should warm into the 70s and 80s.



A Flash Flood Watch is in effect through 1 PM CDT Thursday. Several rounds of showers and thunderstorms are likely today through Thursday. Additional rainfall of 2 to 4 inches is possible with isolated totals up to 6 inches possible. These rainfall amounts may produce Flash Flooding.

Hazardous Weather



There is a slight risk of severe storms across southern portions of south Texas this morning into this afternoon, generally south of an Encinal to Rockport line. Storms will be capable of producing damaging winds and large hail. Isolated tornadoes will be possible as well.



A Severe Thunderstorm Watch is in effect until 1 PM this afternoon for southern portions of south Texas. Thunderstorms will be capable of producing damaging winds and large hail this morning into early this afternoon.

Hazardous Weather



Warm and muggy along with numerous showers and thunderstorms expected again today. The stronger storms may produce heavy rainfall leading to possible flooding. Gusty winds and dangerous lightning can also be expected with the stronger thunderstorms. Highs will range from upper 70s along the coastline to mid 80s along the Rio Grande.



A Flash Flood Watch is in effect through Thursday morning. Periods of heavy rain, especially today with thunderstorms having high rainfall rates, could lead to quick rises in small streams and creeks. Additional rain amounts of 2 to 6 inches will be possible with the higher amounts over the coastal plains.

Hazardous Weather

Decreasing Thunderstorm Chances Tonight

Potential for Flooding Continues Overnight

Weather Forecast Office
Corpus Christi, TX

Issued May 19, 2021 4:03 AM CDT



Showers and thunderstorms are expected to decrease from west to east tonight, but not completely exit the area. With saturated soils from ongoing rainfall, the potential for flooding will continue through the overnight hours. Slightly cooler with lows in the mid to upper 60s.

Flash Flood Watch Remains in Effect

Generally 1-3 Inches of Heavy Rain, Isolated 4 to 5 Inches Possible

Weather Forecast Office
Brownsville/RGV, TX

Issued May 19, 2021 6:35 AM CDT



A Flash Flood Watch remains in effect for all of Deep South Texas and the Rio Grande Valley until 1 PM CDT Thursday. A disturbance in the middle layers of the atmosphere will produce numerous showers and thunderstorms with heavy rain. Generally 1 to 3 inches of precipitation can be expected, with some isolated areas possibly receiving between 4 and 5 inches of rainfall.

Hazardous Weather



The Storm Prediction Center has issued a Severe Thunderstorm Watch for all of Deep South Texas and the Rio Grande Valley, as well as the Laguna Madre, until 1 PM CDT this afternoon. Large hail and damaging winds will be the threats with any strong to severe thunderstorms this morning and early afternoon. Meanwhile, these threats, as well as waterspouts, will occur for the Laguna Madre.



A disturbance in the middle layers of the atmosphere will produce a line of strong to severe thunderstorms that will pass through Deep South Texas and the Rio Grande Valley today. Large hail and damaging winds will occur with the strong to severe thunderstorms. Additionally, deep tropical moisture in place will produce a threat for heavy rainfall and flash flooding. Meanwhile, along the Lower Texas Coast, mariners can expect adverse marine conditions with strong winds, rough seas, and both Small Craft Exercise Caution and Small Craft Advisory in effect.

Weather Warnings/Advisories Issued

DATE	WARNING TYPE	LOCATION
05/18/21	Flood Warning	Aransas River Near Skidmore affecting Bee County, Atascosa River in Live Oak County ,San Bernard River near Boling affecting Wharton, Fort Bend and Brazoria Counties; Navasota River Above Groesbeck affecting Limestone County; Navasota River Near Easterly affecting Robertson and Leon Counties; East Fork Trinity River At McKinney affecting Collin County; Trinity River Near Long Lake (Oakwood) affecting Anderson, Freestone and Leon Counties; Sabine River At Longview affecting Rusk and Gregg Counties; Sabine River Near Beckville affecting Rusk, Panola, Harrison and Gregg Counties; Angelina River Near Alto affecting Angelina, Cherokee, and Nacogdoches Counties; Ayish Bayou Near San Augustine affecting Sabine and San Augustine Counties; Guadalupe River near Bloomington affecting Refugio, Calhoun and Victoria Counties; Oso Creek near Corpus Christi in Nueces County

Weather Warnings/Advisories Issued

DATE	WARNING TYPE	LOCATION
05/18/21	Flood Warning	East Fork Angelina River Near Cushing affecting Nacogdoches and Rusk Counties; Mud Creek Near Jacksonville affecting Cherokee, Mission River affecting Refugio County, Nacogdoches, Rusk, and Smith Counties; Big Sandy Creek Near Big Sandy affecting Upshur and Wood Counties; Frio River At Tilden affecting McMullen and Live Oak Counties; Nueces River Near Bluntzer affecting Jim Wells, Nueces, and San Patricio Counties; Coletto Creek at Arnold Road Crossing affecting Goliad and Victoria Counties; Nueces River Near Three Rivers affecting Live Oak County; Nueces River At Calallen affecting Nueces and San Patricio Counties; Aransas River Near Skidmore affecting Bee County; Guadalupe River at Victoria affecting Victoria County; Little River Near Rockdale affecting Milam County, Guadalupe River near Bloomington affecting Refugio, Calhoun and Victoria Counties; Austin, Brazos, Burleson, Colorado, Grimes, Waller, Washington and Wharton Counties

Weather Warnings/Advisories Issued

DATE	WARNING TYPE	LOCATION
05/18/21	Urban and Small Stream Flood Advisory for Poor Drainage Areas	Palo Pinto, Parker and Tarrant County
05/18/21	Flood Advisory	Armstrong, Austin, Bandera, Bastrop, Bexar, Brazoria, Brazos, Burleson, Carson, Chambers, Colorado, Comal, Dawson, DeWitt, Fayette, Fort Bend, Galveston, Gonzales, Grimes, Guadalupe, Harris, Hayes, Henderson, Houston, Hutchinson, Jackson, Karnes, La Salle, Lavaca, Lee, Liberty, Kendall, Madison, Matagorda, McMullen, Medina, Montgomery, Polk, Potter, Randall, San Jacinto, Walker, Waller, Washington, Webb, Wharton and Wilson Counties
05/18/21	Tornado Warning	Anderson, Austin, Bowie, Cass, Chambers, Colorado, Dawson, Fayette, Fort Bend, Freestone, Harris, Lavaca, Leon, Liberty, Milam, Robertson, Waller and Wharton Counties
05/18/21	Tornado Watch	Bee, Brazoria, Chambers, Fort Bend, Galveston, Goliad, Harris, Liberty, Live Oak, Matagorda, McMullen, Refugio, Victoria and Wharton Counties

Weather Warnings/Advisories Issued

DATE	WARNING TYPE	LOCATION
05/18/21	Flash Flood Warning	Austin, Brazoria, Burleson, Caldwell, Calhoun, Cherokee, Colorado, Comal, Fayette, Fort Bend, Galveston, Gonzales, Guadalupe, Harris, Jackson, Lavaca, Matagorda, Montgomery, Smith, Victoria, Waller and Wharton Counties
05/18/21	Severe Thunderstorm Warning	Armstrong, Austin, Atascosa, Bastrop, Bexar, Blanco, Borden, Brazoria, Caldwell, Carson, Castro, Colorado, Comal, Dawson, Deaf Smith, Fayette, Fort Bend, Frio, Gaines, Galveston, Gonzales, Grimes, Guadalupe, Hale, Harris, Hays, Howard, Hutchinson, Kendall, La Salle, Lamb, Lavaca, Lee, Mitchell, Montgomery, Moore, Oldham, Potter, Randall, Roberts, Scurry, Swisher, Travis, Waller and Wharton Counties
05/18/21	Coastal Flood Advisory	Galveston, Harris and Jefferson Counties
05/18/21	Arroyo and Small Stream Flood Advisory	Borden and Dawson Counties
05/19/21	Flood Warning	Anderson, Austin, Brazoria, Fort Bend, Galveston, Harris, Jackson, Lavaca, Leon, Liberty, Montgomery, Polk, San Jacinto, Victoria, Waller and Wharton Counties

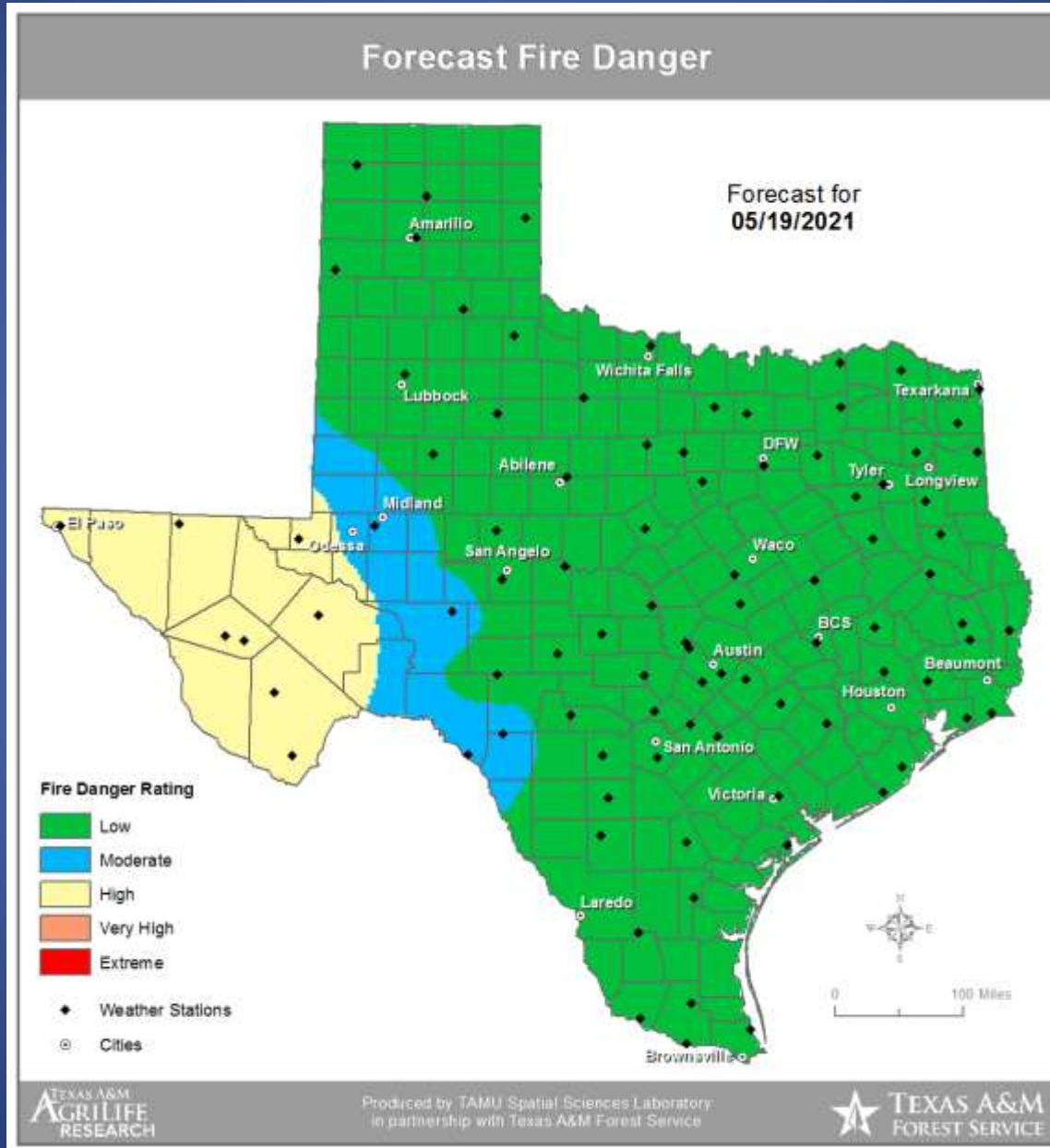
Weather Warnings/Advisories Issued

DATE	WARNING TYPE	LOCATION
05/19/21	Severe Thunderstorm Warning	Bee, Brazoria, Calhoun, Colorado, Duval, Fort Bend, Hidalgo, Howard, Jackson, Jim Wells, Live Oak, Matagorda, McMullen, Mitchell, Refugio, San Patricio, Scurry, Starr, Victoria, Wharton and Zapata Counties
05/19/21	Flash Flood Warning	Angelina, Atascosa, Caldwell, Calhoun, Cherokee, Dewitt, Fayette, Frio, Goliad, Gonzales, Guadalupe, Jackson, Jim Hogg, Karnes, Lavaca, Matagorda, Nacogdoches, Nueces, Refugio, San Patricio, Victoria, Wilson and Zapata Counties
05/19/21	Flood Advisory	Anderson, Atascosa, Brazoria, Freestone, Galveston, Henderson, Jim Hogg, Karnes, Leon, Matagorda, Montgomery, Wilson and Zapata Counties
05/19/21	Coastal Flood Advisory	Galveston and Harris Counties
05/19/21	Flash Flood Watch	Austin, Brazoria, Brazos, Burleson, Chambers, Colorado, Fort Bend, Galveston, Grimes, Harris, Houston, Jackson, Liberty, Madison, Matagorda, Montgomery, Polk, San Jacinto, Trinity, Walker, Waller, Washington and Wharton Counties

Weather Warnings/Advisories Issued

DATE	WARNING TYPE	LOCATION
05/19/21	Severe Thunderstorm Warning	Andrews, Brooks, Cameron, Dawson, Gaines, Hidalgo, Kenedy, Martin, Starr and Willacy Counties
05/19/21	Flash Flood Warning	Atascosa, Jim Hogg, Karnes and Wilson Counties
05/19/21	Flood Advisory	Andrews, Brooks, Dawson, Hidalgo, Jim Hogg, Martin, San Patricio and Starr counties
05/19/21	Tornado Warning	Brooks, Hidalgo and Starr Counties
05/19/21	Urban and Small Stream Flood Advisory	Gaines County



Fire Danger Forecast



OUTDOOR BURN BANS

May 19, 2021

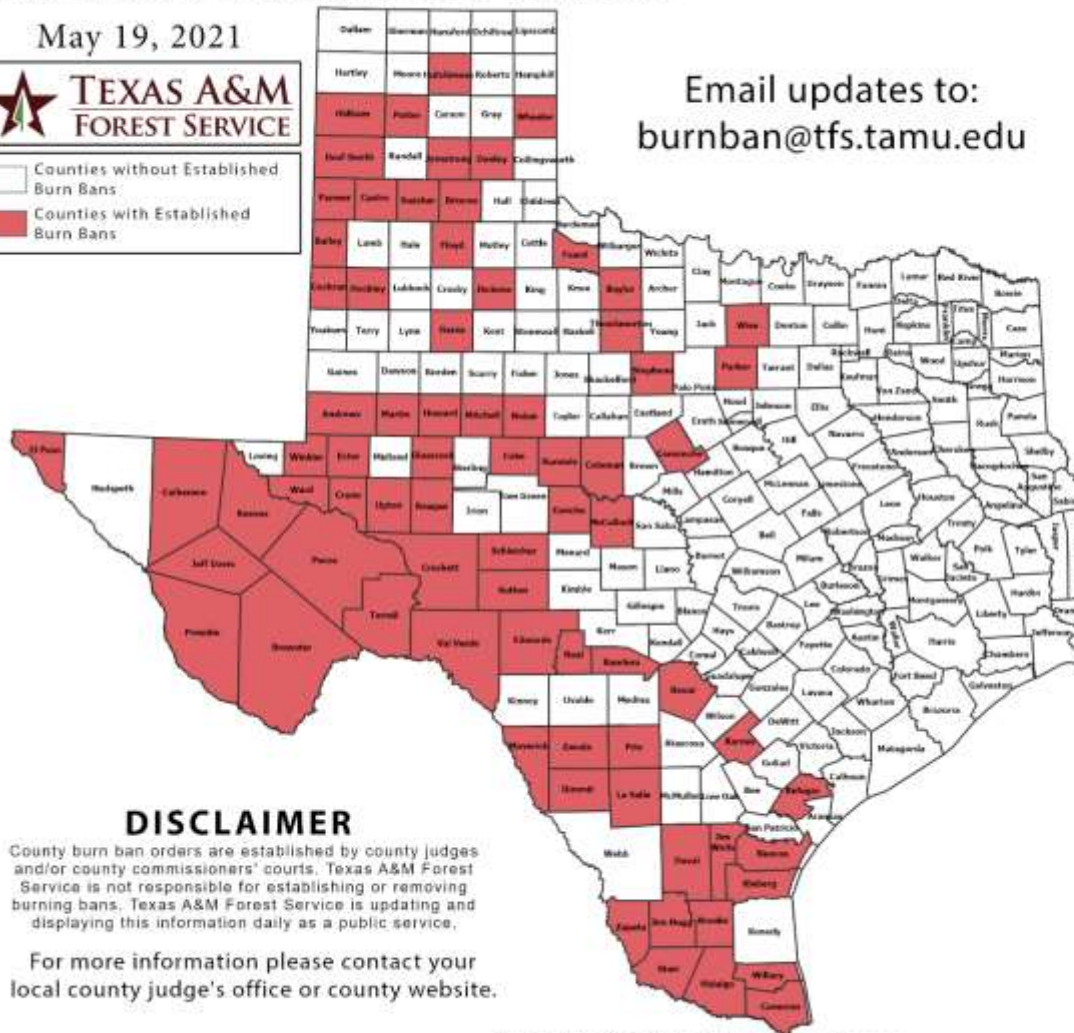


 Counties without Established Burn Bans
 Counties with Established Burn Bans

Email updates to:
burnban@tfs.tamu.edu

Counties with Burn Bans: 75

Andrews	Jim Wells
Armstrong	Karnes
Bailey	Kieberg
Bandera	La Salle
Baylor	McCulloch
Bexar	Martin
Brewster	Maverick
Briscoe	Mitchell
Brooks	Nolan
Cameron	Nueces
Castro	Oldham
Cochran	Parker
Coke	Parmer
Coleman	Pecos
Comanche	Potter
Concho	Presidio
Crane	Reagan
Crockett	Real
Culberson	Reeves
Deaf Smith	Refugio
Dickens	Runnels
Dimmit	Schleicher
Donley	Starr
Duval	Stephens
Ector	Sutton
Edwards	Swisher
El Paso	Terrell
Floyd	Throckmorton
Foard	Upton
Frio	Val Verde
Garza	Ward
Glasscock	Wheeler
Hidalgo	Willacy
Holmes	Winkler
Howard	Wise
Hutchinson	Zapata
Jeff Davis	Zavala
Jim Hogg	



DISCLAIMER

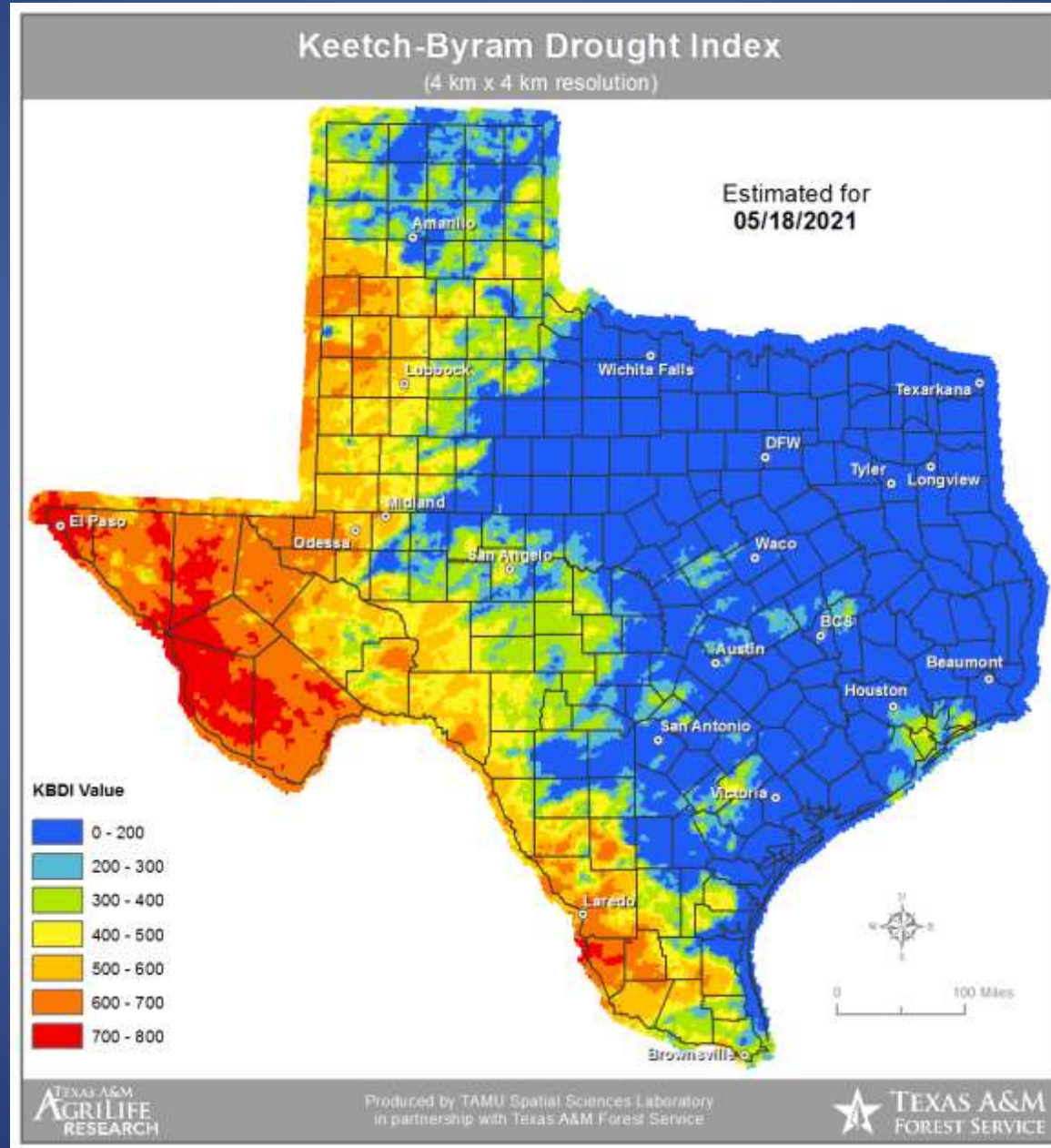
County burn ban orders are established by county judges and/or county commissioners' courts. Texas A&M Forest Service is not responsible for establishing or removing burning bans. Texas A&M Forest Service is updating and displaying this information daily as a public service.

For more information please contact your local county judge's office or county website.

RED FLAG WARNINGS: www.weather.gov

Additional map formats available at <https://tfsweb.tamu.edu/Burnbans/>

Keetch-Byram Drought Index



Fire Activity (*Last 24 Hours)

Reports of 226 (no change) fires and 37,555 (no change) acres have been destroyed this year. There are 75 (-2) counties with burn bans. The Keetch-Byram Drought Index list 46 (-8) counties with an average over 400.



Training

DATES		TITLE	COURSE	LOCATION
05/17/21	05/19/21	G-300 Intermediate Incident Command System for Expanding Incidents	G-300	Bay City
05/17/21	05/19/21	G-300 Intermediate Incident Command System for Expanding Incidents	G-300	Florence
05/17/21	05/21/21	NFPA 1006 2013 Edition Confined Space Rescue Levels I and II Training (Pro-Board Certification)	H-503	Pampa
05/18/21	05/19/21	Recovery From Disaster: The Local Government Role	V-205	Virtual
05/19/21	05/19/21	Texas Public Officials Workshop	G-200	Odessa
05/19/21	05/19/21	Texas Public Officials Workshop	G-200	Borger
05/19/21	05/19/21	Texas Public Officials Workshop	G-200	Wichita Falls
05/19/21	05/19/21	NIMS Overview for Executive/Senior Officials	G-402	League City

Exercises

DATE(S)		AGENCY/LOCATION	EXERCISE
05/18/21	05/20/21	FEMA/Virtual	VTTX: Dam Failure
05/19/21	05/19/21	Amarillo Area OEM/Amarillo	Full-Scale: Aircraft Incident

Statewide Significant Events

DATE(S)		LOCATION	EVENT
01/12/21	05/24/21	Austin	87th Texas Legislature
05/18/21	05/23/21	Arlington	MLB: 2021 Texas Rangers